

KOVALEV, G.N.; MASTEROVA, M.N.; SERGEYEV, G.B.

Photochemical reaction of hydrobromination in vitreous and
crystalline mixtures of allyl chloride and hydrogen bromide.
Dokl. AN SSSR 165 no.2:351-353 N '65. (MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet. Submitted April 13,
1965.

1 46822-66 ENP(m)/E... (N) SOURCE CODE: UR/0181/66/008/005/1504/1510
ACC NR: AP6015470

AUTHOR: Vitman, F. F.; Masterova, M. V.; Pukh, V. P.

ORG: Physics Engineering Institute im. A. F. Ioffe, AN SSSR, Leningrad (Fiziko-tekhnicheskii institut AN SSSR)

TITLE: The influence of temperature on the strength of etched quartz glass in a high-strength state

SOURCE: Fizika tverdogo tela, v. 8, no. 5, 1966, 1504-1510

TOPIC TAGS: quartz glass, glass property, temperature effect, glass product

ABSTRACT: It has been shown elsewhere that the strength of bulk sheet glass after etching in hydrofluoric acid solutions may be unusually high if the working surface of the glass is thoroughly protected from accumulations of defects before and during the experiment. The present investigation attempts to extend this finding to commercial bulk quartz glass and to study the influence of the temperature and the heat treatment on the strength of the quartz in its high-strength state (about 300 kg/mm²). It is found that if the action of the irreversible heat processes which softens the glass and the influence of moisture in various manifestations are excluded, the strength of the quartz glass in the 50-400C temperature range is independent of

Card 1/2

L 46827-66

ACC NR: AP6015470

the temperature. Orig. art. has: 7 figures.

SUB CODE: 11/ SUBM DATE: 18Oct65/ ORIG REF: 015/ OTH REF: 009

Card 2/2 blg

MASTEROVA, T.M.; KHYLOV, L.A.

Study of the effect of ultrasonic waves with a frequency of 23
ks on the larval stages of barnacles. Dokl. AN SSSR 100 no.1:250-
252 Ja '66. (MIRA 19:1)

1. Sukhumskaya nauchnaya morskaya stantsiya Akusticheskogo
instituta AN SSSR. Submitted February 21, 1965.

L 01281-67 EWT(1)/T/EWP(k)

ACC NR: AP6003496

(N)

SOURCE CODE: UR/0020/66/166/001/0250/0252

AUTHOR: Masterova, T. M.; Krylov, L. A.

ORG: Sukhumi Scientific Station of the Acoustics Institute, AN SSSR (Sukhumskaya nauchnaya stantsiya Akusticheskogo instituta AN SSSR)

TITLE: Influence of ultrasonics on barnacles in the larval state using a frequency of 23 kilocycles/sec

SOURCE: AN SSSR. Doklady, v. 166, no. 1, 1966, 250-252

TOPIC TAGS: animal physiology, ultrasonic radiation, *ultrasonic radiation effect*

ABSTRACT: The experiments were conducted on Balanidae barnacles in the larval state. The size of sonic pressure varied from $6 \cdot 10^4$ to 10^6 bar and the time of exposure from 1 to $6 \cdot 10^2$ sec. A magnetostrictive emitter working continuously on a resonant frequency of 23.5 kilocycles/sec was used as a source of ultrasonic radiation. The Balanidae larvae subjected to radiation were placed in a specially constructed vessel having a 3 cm^3 volume. The sonic pressure in the vessel was distributed uniformly, correct to $\pm 10\%$. The percent of destruction of larvae after radiation varied from 10% to 90% in direct relation to the sonic pressure variation of from 100,000 to 150,000 bar. The experiments showed that the specimens most susceptible to sonic pressure were in the mauplius and in the beginning of the metamauplius forms. Barnacles in the precypris

Card 1/2

ULC: 681.638:577.472

L 01281-67

ACC NR: AP6C03496

form have an increased resistance to sonic pressure. These findings can be used for the protection of water conduits and other installations from overgrowth. Experiments were also conducted with metal sheets placed in the sea and activated by magnetostrictive emitters. The experiments showed that by using a frequency of about 20 kilocycles/sec the threshold pressure value, when the influence of ultrasonics begins to affect the overgrowth, is about 60,000-70,000 bar. Lower pressure does not affect the overgrowth process. The paper was presented by Academician Andreyev, N.N., 21 Feb 65. Orig. art. has: 3 fig.

SUB CODE: 06/ SUBM DATE: 18Feb65/ ORIG REF: 005

Card 2/2 mjs

MASTEROVA, V. P. I KOZHEUROVA, A. A.

25138. MASTEROVA, V. P. I KOZHEUROVA, A.A. Belkovo-Vitaminnyy Preparat Kak
Istochnik Karotina Pri Vyrashivanii Molodnaya Krupnogo Pogatogo Skota I Sviney.
V SB: Voprosy Kormodobyvaniya. Vyp. Z.M., 1949, S. 208-11

So: Letopis' No. 33, 1949

1ST AND 2ND CODES		3RD AND 4TH CODES																																									
MASTEROVA, Ye. S.																																											
PROCESS AND PROPERTIES INDEX																																											
Drying potatoes and other edible roots during frost. B. M. Uspenski and B. A. Masterova. <i>Pishchovye Prom.</i> 1943, No. 3/4, 48-52.—Practical measures are outlined for the protection of edible roots from frost injury while drying. Suitable drying structures are outlined, and the relation of time of drying to temp. and humidity is discussed. S. Gottlieb																																											
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MASTEROVA, Ye.S.

Summer planting of potatoes in areas supplying them to the alcohol
industry. Trudy VNIISP no.4:99-114 '54. (MLRA 8:12)
(Potatoes)

MASTEROVA, Ye.S.

Summer planting of potatoes. Spirt.prom.20 no.1:39-42 '54.
(MIRA 7:5)

(Potatoes)

VOLOKHONOVICH, I.Ye.; MARKEVICH, A.M.; MASTEROVOY, I.F.; AZATYAN, V.V.

Nonisothermal processes. Thermal cracking of methane. Dokl.
AN SSSR 146 no.2:387-390 S '62. (MIRA 15:9)

1. Institut khimicheskoy fiziki AN SSSR. Predstavleno akademikom
N.N. Semenovym.
(Methane) (Cracking process)

RAYKHER, I.I.; PROTSEROVA, N.M.; ROMANOVA, N.M.; MASTERSKIKH, L.A.

On the problem of the gamma globulin content of blood serum of donors
(electrophoretic and turbidimetric determination). Probl. gemat.
i perel. krovi 5 no.2:52-54 F '60. (MIRA 14:5)

1. Iz biokhimicheskoy korevoy laboratorii Permskogo nauchno-
issledovatel'skogo instituta vaktsin i syvorotok (dir. A.P.
Kobyl'skiy).

(GAMMA GLOBULIN)

(BLOOD DONORS)

SHMAKOVA, V.I.; YUZHAKOVA, N.N.; REZNICHENKO, V.G.; GLEBOV, I.T.; VOLKOV, A.S.;
URZLYA, N.Ye.; BEKHTEREV, P.A.; RYS', G.I.; VORONINA, M.N.; GVOZDINTS-
KIY, I.N.; VARAKSINA, M.P.; MASTERSKIKH, M.A.; GONCHAROVA, V.A.;
BICHEVINA, A.N.; SOROKIN, M.A., red.; GRIN', Ye., tekhn.red.

[Economy of Altai Territory during the past 40 years; a statistical
manual] Narodnoe khoziaistvo Altaiskogo kraia za 40 let. Sovetskoi
vlasti; statisticheskii sbornik. Barnaul, Altaiskoe knizhnoe izd-vo,
1957. 110 p. (MIRA 11:3)

1. Altayskiy kray. Statisticheskoye upravleniye. 2. Statisticheskoye upravleniya Altayskogo kraya (for all except Sorokin, Grin')
 1. 3. Nachal'nik Statisticheskogo upravleniya Altayskogo kraya (for Sorokin)
- (Altai territory--Statistics)

S/169/61/000/009/030/056
D228/D304

AUTHORS: Masterskikh, M. A., and Sabyshev, A. P.

TITLE: A rare atmospheric phenomenon

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 38,
abstract 9B279 (V sb. Probl. Arktiki i Antarktiki,
no. 5, L., Morsk. transport, 1960, 83)

TEXT: An intense glazed-frost with rime was observed at the end of the second 10-day period of November, 1959, in the Tiksi area. The diameter of the ice formations on wires reached 7 - 10 cm. Glazed-frost and rime were developed during the eastern form of circulation over the Pacific Ocean and during the vigorous transfer of heat to northeastern Asia and the eastern seas of Soviet Arctica. [Abstracter's note: Complete translation.]

✓

Card 1/1

MASTERSKIKH, M. A.

Origin of the gravity wind on the glacial slope in Antarctica.
Meteor.i gidrol.no. 4:35-38 Ap '64. (MIRA 17:5)

1. TSentral'nyy institut prognozcv.

ACCESSION NR: AT4041749

8/2561/64/000/016/0041/0043

AUTHOR: Masterskikh, M.A.

TITLE: The problem of the representativeness of the wind at the Tiksi Bay polar station

SOURCE: Leningrad. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. Problemy* Arktiki i Antarktici; sbornik statey, no. 16, 1964, 41-43

TOPIC TAGS: wind, wind direction, meteorology, polar meteorology

ABSTRACT: The meteorological station at Tiksi Bay was organized in 1932 on the shore of Sogo Gulf. Beginning in January, 1957 it occupied a new site 14 km to the north of its former site. Tiksi Bay is surrounded on the south by mountains which considerably distort the direction of the principal air currents. The coefficient of representativeness of wind direction at the earlier site was determined in the past (V.M. Shapayev, Tr. Arkt. in-ta, Vol. 217, Leningrad, Izd-vo Morskoy Transport, 1959). Using the same method, the author has obtained the coefficient of representativeness of wind direction at the new site. Distortions of wind direction were determined by comparison with wind observations on Mostakh Island.

Card 1/2

ACCESSION NR: AT4041749

The latter station is unaffected by local relief and fully reflects the wind direction and velocity of the principal flow at Tiksi Bay; it therefore is assigned a coefficient of representativeness of 100%. Tiksi Bay has prevailing southwesterly and northeasterly flow, unlike the earlier site. In addition, in many cases frequency of winds of a particular direction differs sharply between Tiksi Bay and Mostakh Island. At Tiksi Bay the coefficient of representativeness has the following values in comparison to the reference station: winter — 44%, spring — 60%, summer — 64%, autumn — 86% and mean annual — 64%. These values differ insignificantly from those for the former station site. Orig. art. has: 3 figures.

ASSOCIATION: Arkkticheskiy i antarkkticheskiy nauchno-issledovatel'skiy institut, Leningrad
(Arctic and Antarctic Scientific Research Institute)

SUBMITTED: 18Apr63

DATE SEL: 24Jul64

ENCL: 00

SUB CODE: ES

NO REF SOV: 002

OTHER: 000

Card 2/2

MASTERSKIKH, M.A.

Secondary cyclones on the coast of the Laptev Sea. *Trudy 1911*
no.146:37-40 '55. *1911*

MASTEYKENE, I. Yu.: Master Tech Sci (diss) -- "Investigation of certain elements in the process of beating flax in machines with three- and four- beater drums". Kaunas, 1958. 18 pp (Kaunas Polytech Inst), 150 copies (KL, No. 1, 1959, 126)

ALIYEV, N.D.; MASTASHVILI, A.G.; BAGIROVA, M.B.

Sanitary and bacteriological characteristics of the potable
and mineral springs of Istisu Health Resort. Sbor. trud. Azerb.
nauch.-issl. inst. kur. i fiz. metod. lech. no.9:143-148 '63.
(MIRA 18:8)

KERIMOV, G.M.; TREGUBOV, Ye.S.; ALIYEVA, M.B.; MASTIASHVILI, A.G.

Bactericidal unit for the purification of seawater. Sbor. trad.
Azerb. nauch.-issl. inst. kur. i fiz. metod. lech. no.9:215-
216 '63. (MIRA 18:8)

MASTIK C. III. vnit. klin. E. U. Brno. Prispěvek k diagnostice jaterních cirrhos
A contribution to the diagnosis of cirrhosis of the liver Lek. listy 1953, 76

(206-209) Graphs 2 Illus. 2

Amongst 49 cases of cirrhosis of the liver 5% (chiefly older patients) showed a longitudinal grooving of the nails. In these patients hyposideremia was also frequently found. A less frequent finding was flat nails with normal plasma iron content. No relationship was found between changes in the nails and the amount of haemoglobin, the blood proteins and the liver function tests.

SO: EXCERPTA MEDICA, Vol. 8, No. 2, Section VI, February 1954

3

MASTIK, C... MUDr.

Contribution to the lungs function test.
Vnitr. lek., Brno 1 no.4:257-259 Apr. 55.

1. Z III. vnitřní kliniky MU v Brně, zastupující přednosta prof.
MUDr. Jaroslav Pojer.
Brno, Střední 45.

(LUNGS, physiology
funct. test, lung ventilation, method)

MASTIK, Gyryl

MASTIK, Gyryl (Brno, CSR, Stredni 45)

Bromsulfalein (clearance) test in liver dis. Polskie arch. med.
wewn. 25 no.1:35-44 1955.

1. Z III klin. chor. wewn. Univ. Masaryka v Brne; kier. prof. dr.
med. J. Pojer.

(LIVER FUNCTION TEST

bromsulfalein in liver dis., method)

(LIVER, diseases

funct. test with bromsulfalein, method)

MASTÍK.

EXCERPTA MEDICA Sec.6 Vol.10/12 Internal Medicine D'56

7190. MASTÍK C. and POSPÍŠIL L. III. Vnitřní Klin. Lék. Fak. MU; Mikrobiol. Úst. Fak. Nemocnice, Brno. *Nase zkušenosti z jedné epidemie Coxsackie v Brněnském kraji v r. 1955. Experiences during an epidemic of Coxsackie disease in the district of Brno in the year 1955 VNITŘ. LÉK. 1958, 2/3 (215-220) Tables 1

An epidemic involving the inhabitants of a bungalow recreation centre is described.

In the patients there was a striking finding on the tonsils which were hypertrophic, red and with cups. In the serum of all tested patients antibodies to the viruses of the group C (A₁, once B) were proved in a considerable titre. The method of the CFT is described.

Pavlaš - Brno (XX,6,4,37)

MAS 118, C.
MASTIK, C., Dr.; NINGEROVA, B., Dr.

Pulmonary emphysema and bronchitis in bricklayers. Pracovni lek. 9 no.5:
407-410 Nov 57.

1. III. interni klinika MU v Brne, prednosta prof. Dr. Jaroslav Pojer.
(BRONCHITIS, compl.
pulmonary emphysema in bricklayers (Cz))
(EMPHYSEMA, PULMONARY, compl.
bronchitis in bricklayers (Cz))
(OCCUPATIONAL DISEASES
bronchitis & pulm. emphysema in bricklayers (Cz))

MASTIK, Cyrill (Brno, III. vnitřní klinika MU)

Experiences with bromsulphalein clearance. Cas. lek. česk. 98 no.14:
434-438 3 Apr 59.

1. III. vnitřní klinika MU v Brně, přednosta prof. dr. Jaroslav Pojer.
(LIVER FUNCTION TEST
sulfobromophthalein clearance, clin. value (Cz))

MASTIK, C.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Internal Clinic III of Masaryk University (III. vnitřní klinika
TU), Brno; Chief (Prednosta): Prof Dr Jaroslav Pojer

Source: Brno, Vnitřní Lekarství, Vol VII, No 8, August 1961, pp 841-848

Data: "Hepatic Changes in Obesity"

Authors:

POJER, J

MASTIK, C

DRAŽILOVÁ, V

VOGNÁREK, J, Technical collaborator

24

POJER, J., prof. MUDr.; MASTIK, C.; NINGER, E.; DOLIHAL, J. Technicka
spoluprace: TOVAREK, J.; POKORNY, J.

Hepatic changes in heart infarction. Bratisl. lek. listy 45
no.8:460-468 30 Ap '65.

1. III. vnitrni klinika Lekarske fakulty University J.E. Purkyně
v Brně (veduci : prof. MUDr. J. Pojer).

MASTIKA, I.L.

Experimental data on the function of the kidneys in temporary
constriction of the abdominal aorta; preliminary report.
Zdravookhranenie 6 no.5:32-34 S-0'63 (MIRA 16:12)

1. Iz urologicheskoy kliniki (zav. - doktor med. nauk S.D.
Goligorskiy)Kishinevskogo meditsinskogo instituta.

MASTIKA, I.L.

Some results of experimental study of renal disorders and homeostasis under conditions of a temporary interruption of blood circulation in the abdominal aorta. Trudy Kish. gos. med. inst. 24:87-115 '64 (MIRA 18:1)

Morphological changes in kidneys, viscera and central nervous system in experimental temporary interruption of blood circulation in the abdominal aorta. Ibid.:116-122

1. Urologicheskaya klinika Kishinevskogo gosudarstvennogo meditsinskogo instituta.

MASTIKHIN, V.M.; KEFFELI, L.M.; KEYYER, N.P.

Electron paramagnetic resonance spectra generated in the
adsorption of oxygen on rutile. Kin. i kat. 6 no. 1180-12,
Ja-F '65. (MIRA 18:11)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.

MASTIKOV, B.P.

PHASE I BOOK EXPLOITATION 30V/3727

Rasshirenije vozmozhnostey primeneniya plastmass v konstruktivnykh mashin (Widening the Possibilities for Using Plastics in Machinery Components) Moscow, Miroizd. 1959. 183 p. 8,000 copies printed.

Reviewers: M.V. Popov, Engineer, and P.Z. Petukhov, Doctor of Technical Sciences; Ed.: M.I. Suslov, Engineer; Tech. Ed.: M.A. Dugina and A.P. Uvarova; Exec. Ed. (Ural-Siberian Division, Makhiz); T.M. Sonova, Engineer.

PURPOSE: The book is intended for engineers and scientists engaged in the study and manufacture of plastics and plastic machine parts.

COVERAGE: The chapters of this book were written by different authors indicated in parentheses after each chapter in the table of contents. The chapter on the use of plastics in non-Soviet countries includes data on the Skoda Works in Czechoslovakia. A number of Soviet manufacturing establishments are mentioned. Equipment using plastic parts is described and evaluated. Considerable attention is paid to substituting plastics for critical materials in types of equipment subjected to wear or to corrosive, abrasive and chemical influences. Brand designations, properties and uses of a number of Soviet-made plastic materials are given. It is thus a survey of modern Soviet plastic materials grouped according to their specific applications in industry. The authors rely heavily upon the experience of Ural-Siberia, especially those specializing in electrical apparatus, automatic equipment, and measuring instruments. No personalities are mentioned. There are 37 references: 31 Soviet, and 5 German.

Ch. IV. Plastic Articles for Corrosive Media (B.P. Mastikov, A.I. Maslov, E.L. Berezkin)

1. Corrosion-resistant plastic of "voloknite" [a phenol-formaldehyde resin with cotton filler] 68
2. Pump parts and linings made from abrasive materials 71
3. Vats made of vinyl plastics 74

Ch. V. Use of Plastics in Foreign Countries (A.A. Domashnev and P.V. Kravtchenko)

1. Use of plastics in machine and instrument elements [abridged] 77
2. Use of plastics in Czechoslovakian plants 109

Appendices (M.K. Metilikh, I.B. Pisakty)

- I. General Characteristics and Fields of Application of Plastics 114
- II. Mechanical Properties of Plastics 150

Card 5/6

MASTIKOV, P.

MASTIKOV, P. Our experiment in prospective planning. p. 4. Vol. 11, no. 12
Dec. 1956 KOOPERATIVNO ZEMEMDELIE. Sofia, Bulgaria

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) Vol. 6 No. 4 April 1957

MASTIKOV, V.

Organizing permanent tank depots. No 5.

Tankist, No 12, 1948.

MASTIKOV, V.

RUMSHTEIN, S. & MASTIKOV, V.

The vehicle servicing and repair depot. No 9.

Tankist, No 12, 1948.

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BIJEDIC, Mirjana, d-r; MASTILOVIC, Borislav, d-r; DZODZE, Radmila, d-r

Contribution to the clinical picture of Marcus Gunn phenomenon.
Med. arh., Sarajevo 13 no. 4: 117-125 J1-Ag '59.

1. Ocna klinika Medicinskog fakulteta u Sarajevu, sef: prof. d-r
Momcilo Vucicevic.

(REFLEX)

(EYELIDS physiol.)

MASTILOVIC, Borislava, dr

Contribution to the clinical picture of syphilitic infections of the lacrimal sac. Med. arh. 15 no.4:75-78 J1-Ag '61.

1. Oftalmoloska klinika Medicinskog fakultata u Sarajevu (Upravnik: prof. dr Vladimir Cavka).
(SYPHILIS compl) (LACRIMAL APPARATUS dis)

MASTILOVIC, Borislava, dr.

Our experience with 2 per cent novocaine block of the eye in herpetic diseases of the cornea. Med. arh. 16 no.2:71-77 '62.

1. Oftalmoloska klinika Medicinskog fakulteta u Sarajevu (Upravnik: prof. dr Vladimir Cavka)

(PROCAINE ther) (HERPES ther) (CORNEA dis)
(ANESTHESIS CONDUCTION)

5

MASTILOVIC, Vukota, inz.

Application of a dynamic programming in selecting economic loads of the generating units at the thermoelectric-power stations. Elektropriroda 15 no.4:165-169 Ap '62.

1. Zajednica jugoslovenske elektroprirode, Beograd.

MASLOVLOVIC, Vuketa, int.; GAVRILOVIC, Miroslav, int.

Linear programming in planning the development of electric
power systems. Elektropriroda 16 no.11/12:555-545 N-D '63

BINGULAC, Stanoje, dipl. inz.; MASTILOVIC, Vuketa, dipl. inz.

Applying sensitivity analysis to the solution of linear programming problems on analog computers. *Automatika* 5 no.2:105-111 '64.

1. Boris Kidric Institute of Nuclear Sciences, Belgrade-Vinca (for Bingulac). 2. Federation of Yugoslav Electric Industries, Belgrade (for Mastilovic).

Subject : USSR/Meteorology AID P - 3174

Card 1/1 Pub. 71-a - 1/23

Authors : Verigo, S. A., Mastinskaya, S. B. and Razumova, L. A.

Title : Moisture supply of summer wheat in virgin and waste land regions

Periodical : Met. 1. gidr., 5, 3-8, S/O 1955

Abstract : The water supply and the degree of humidity in the soil in the newly worked regions in the east and south-east areas of the European SSSR and western Siberia is described in detail according to summer monthly averages. Tables, curves and maps show the water supply distribution and the geological characteristics of the soil. The entire region is divided into 6 zones, each having its own advantages and disadvantages. Three diagrams.

Institution : None

Submitted : No date

MASTINSKAYA, S.B.

MASTINSKAYA, S.B. "The Soil Moisture and Moisture-Retention of Legumes and Grain Crops in the Southwestern Part of the European Portion of the USSR." Main Administration of the Hydrometeorological Service, Council of Ministers USSR. Central Inst of Weather Forecasting. Moscow, 1956. (Dissertation for the Degree of Candidate in Geographical Science)

So: Knizhnaya Letopis', No. 18, 1956

M-4

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 8(971)

AUTHOR : Mastinskaya, S. B.; Peshcharenkova, N. B.
INST. : Central Institute of Forecasts
TITLE : Agrophysiological Effectiveness of Irrigation
of Grain Crops in the Southeast of European
USSR.

ORIG. PUB. : Tr. Tsent. in-ta prognozov, 1957, No 53,
3-19

ABSTRACT : Investigations were conducted in 1952-1954
at Buzuluk, to study moisture content of soil, condition
and development of spring-wheat plants, on irrigated and
non-irrigated fields -- of medium-loamy southern chernoz-
zems. Consumption of soil moisture is higher with irri-
gation than without (5-6 and 1-3 mm, respectively). Under
conditions of irrigation the effectiveness of soil-moisture
utilization is greater than without irrigation; moisture
expenditure per unit of grain harvest is 2 times less in
the former case. Irrigation results in greater intensity
of growth accretion, by 1.5-2 times; number of productive
stalks is increased by 1.8 times, while that of absolute

CARD: 1/2

MASTINSKAYA, S.B.

~~Defining~~ the method of soil moisture determination in different
soil and climatic zones. Trudy TSIP no.88:57-75 '59.
(MIRA 12:8)

(Soil moisture)

S/791/62/000/001/006/010

AUTHORS: Zhidkov, N. P., Korneychuk, A. A., Krylov, A. L., Mastinskaya, S. B.

TITLE: The plane-parallel motion of a viscous fluid between rotating cylinders.

SOURCE: Vychislitel'nyye metody i programmirovaniye; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. no. 1. Ed. by N. P. Trifonov, G. S. Roslyakov, and Ye. A. Zhogolev. [Moscow] Izd-vo Mosk. un-ta, 1962, 152-166.

TEXT: The paper is intended to investigate the motion of a fluid by means of the direct numerical integration of the nonlinear Navier-Stokes equations. The direct objective of the investigation is the case of a viscous incompressible fluid in an x, y, z space contained between two infinite cylinders having radii $R_1^2 \leq x^2 + y^2 \leq R_2^2$ which rotate with different angular velocities. The behavior of the fluid in a plane solution (i. e., independent of z) is to be found. Upon establishment of the necessary matrix expression the solution of the problem on the machine "Strela" at the Computing Center of the Moscow State University is described. The program consists of 4 separate parts, (1) the shaping and the memory formulation of the distribution program, (2) the program of the calculating of coefficients, (3) the program of preparation of the initial data, and (4) the program of the solution of the difference equations.

Card 1/2

The plane-parallel motion of a viscous fluid

S/794/62/000/001/006/010

Calculations were made for 4 Reynolds numbers, namely, 200, 500, 1,000, and 2,000, with different timewise steps. It was found that in the largest network employed the eddies smoothened out and the flow became smooth and trivial. The time of establishment grew proportional to the R number. In all probability this network was exceedingly crude and had its own viscosity. The use of a fine network revealed a turbulent motion, if the degree of turbulence is intended to signify the number of eddies in the flow. The amplitude of the perturbations decreases with time, but turbulence grows and new eddies are formed, even though with smaller amplitudes. Ultimately, the motion in the network becomes smooth, since the network does not admit eddies of a size smaller than the dimensions of the network. Future work will comprise a reduction of the size of the network by one-half. Thanks are expressed to I. M. Gel'fond, corresponding member, AS USSR, for overall direction of the work and many valuable specific advices. There are 4 figures and 1 Russian-language Soviet reference.

Card 2/2

FEL'DMAN, M.P.; MASTITSKIY, N.V. [deceased]; DRUZHININ, I.P.

Effect of natural and technical factors on the guaranteed output of
hydroelectric power stations. Probl. reg. rech. stoka no.7:32-81
'58. (MIRA 11:9)

(Hydroelectric power stations)

MASTITSKIY, Ye.P.

Adjustment of triangulation by means of indirect measurements
with an expression of corrections for angles through corrections
for coordinates. Sbor. st. po geod. no.4:35-36 '53. (MLRA 9:6)
(Triangulation)

MASTITSKIY, Ye.P., starshiy prepodavatel'.

Inserting a triangulation net between three marked stations.
Sbor.nauch.trud. KazGMI no.14:361-370 '56. (MIRA 10:10)
(Mine surveying)

MASTITSKIY, Ye.P., kand. tekhn. nauk

Notes on assistant professor M.A. Girenberg's critical considerations.
Trudy MIIGAIK no.33:121-122 '58. (MIRA 12:8)
(Traverses (Surveying))

POLYNSKIY, I.T.; TEMIRGALIYEV, S.; MASTITSKIY, Ye.P., kand.tekhn.nauk

Improvement in the insertion of a point in a triangle. Sbor.
nauch. trud. Kaz GMI no.19:40-46 '60. (MIRA 15:3)
(Triangulation)

ZELENKOV, V.V.; SHMATKOVA, M.P.; MASTITSKIY, Ye.P., kand.tekhn.nauk

Study of the TTZ-Gr theodolite. Sbor. nauch. trud. Kaz GMI no.19:
109-112 '60. (MIRA 15:3)

(Theodolites)

GATOV, G.N.; MASTITSKIY, Ye.P., dotsent

Angular measurement at sharply varying distances for sighting purposes. Sbor. nauch. trud. Kaz GMI no.19:136-139 '60. (MIRA 15:3)
(Mine surveying)

MASTNAK, I.

Yugoslavia (430)

Technology - Serials

Non-utilized capacities in our agriculture.
p. 104. NOVA PROIZVODNJA. (Iprava za
napredek v proizvodnji pri planski komisiji
LR Slovenije) Ljubljana. (Illustrated bi-
monthly on production issued by the

East European Accessions List. Library of
Congress, Vol 1, No 13, November 1982.

UNCLASSIFIED

"Card 1 of 2"

MASENAK, T.

Yugoslavia (430)

Administration for the Improvement of
Production attached to the Planning
Commission of Slovenia. Summaries in
English. Articles classified according
to Decimal classification). Vol 1,
No 2-3-4, December 1, 1950.

East European Accessions List. Library of
Congress, Vol 1, No 15, November 1952.

UNCLASSIFIED

"Card 2 of 2"

CA MASTNAK-REGAN, A.

The alkaloid content of Yugoslav *Colchicum autumnale* Alenka Mastnak-Regan (Pokusno polje "Biljana," Zagreb, Yugoslavia): *Acta Pharm. Jugoslav.* 1, 67-72 (1951) (French summary).—Colchicine (I) was detd. in all parts of the plant in different vegetative periods by Uffelle's method (C.A. 41, 1809g). The results are tabulated. The relative I content was highest in the flower (1.09%), lowest in the leaves above ground (0.20%); on the basis of wt. % of dried plant the tuber contained the highest amt. of I, the flower the lowest. The I content of the tuber was lowest in autumn (0.38%), highest in spring, especially in old tubers (0.82%). The I content of underground leaves decreased between May and June, when the leaves started to dry. The green seeds contained less I than the ripe ones: 0.47% and 1.0%, resp. (cf. Buchnik, *Pharm. Acta Helv.* 25, 380 (1950)). The analysis of green tubers and seeds gave lower results than the one of the corresponding dry material. S. Edmund Berger
10 references.

MASTNER, J.

"Logarithmic four-poles; abstract of a graduate paper prepared for the Chair of Measurement Technique of the Czech Technical University in Prague." p. 229

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 8, Aug., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

MASTNER, J.; LUKASEK, R.

"Morton Nadler's Electronic Oscillograph; a book review." p. 350

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 11, Nov., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

MASTNER, J.

621.317.755 : 621.376.33

1294. MODULATING CIRCUIT OF AN OSCILLOSCOPE C.R.

TUBE. J. Mastner.

Slaboproudy Obzor, Vol. 18, No. 11, 799-806 (1957). In Czech.

The control grid of the c.r. tube of an oscillograph is sometimes supplied (apart from the normal black-out pulses) with rectangular pulses which modulate the brightness of the spot during its forward sweep and thus provide suitable time markers. Operation of the grid-modulation circuit is analysed in detail and it is shown that the following adverse effects can be encountered: (1) the pulses at the grid become distorted unless the coupling capacitance and the pulse source resistance are chosen correctly; (2) the grid is modulated by the ripple from the c.h.t. supply, but this can be remedied by using a bridge-type supply circuit; (3) change of the sensitivity of the tube unless it is supplied from a stabilized source; (4) defocusing of the spot which can be remedied by employing a special automatic refocusing circuit; and (5) cross-modulation due to the presence of stray capacitances. A modulation circuit, from which the above effects are eliminated, is described.

R.S. Sidorowicz //

Apparatus
CZECHOSLOVAKIA / Laboratory Equipment. Apparatuses. F

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67327.

Author : Franek F., Mastner J.

Inst : Not given.

Title : Apparatus for the Automatic Evaluation of Chromatograms and Electrophoregrams.

Orig Pub: Chem. listy, 1957, 51, No 9, 1773-1775.

Abstract: A densitometer capable of registering the direct integral of absorption caused by spots is described. This apparatus evaluates the quantity of substances present in such spots (as obtained in the chromatographic and electrophoretic analyses) shown on paper without the subsequent meas-

Card 1/2

CZECHOSLOVAKIA / Laboratory Equipment. Apparatuses. F

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67397.

Abstract: Measurement of areas constituting such spots, as it is being practiced while employing conventional type densitometers. The most suitable method of applying samples of material, of investigating the effects produced by the shape of such spots, together with the effects of developing and treating photographic paper on the results of measurements are described.

Card 2/2

9 (2, 3)

CZECH/14-59-12-6/41

AUTHOR: Mastner, Jifi, Engineer

TITLE: Differential Measuring of Two Frequencies by Modulation of Lissajons's Curve

PERIODICAL: Sdélovací technika, 1959, Nr 12, pp 449-450

ABSTRACT: Differential measuring of frequencies with Lissajons' curve is one of the basic methods of oscillograph technique. In this article, the author shows that with standard laboratory equipment, it is possible to do such measurings by a modulation of Lissajons' curve. The way of searching for the correct modulation frequency, corresponding to the differential frequency is the same as that used with stroboscopes. The correct frequency is the highest which give one single picture; its redoubling already results in a double picture. In his conclusion, the author describes the process of measuring. There are 3 pictures and 1 East-German reference. ✓

Card 1/1

MASTNER, J.

"M. Nadler's Cscillograficka mereni (Oscillographic Measurements); a book review. (Supplement)" p. 117.

SLABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia, Vol. 20, no. 3, Mar. 1959.

Monthly List of East European Accessions (FEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

MASTNER, J.

"VI. Bubenik's Impulsova technika, I. (Pulse Techniques. I); a book review.
(Supplement)" p. L19.

SLABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A
VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia,
Vol. 20, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

MASTNER, J.; FRANEK, P.; NOVAK, L.

Quantitative analysis by electrophoresis and paper chromatography without elution. II Design of a densitometer, In German. Coll.Cz. Chem. 24 no.9:2959-2966 S '59. (EEAI 9:5)

1. Institut der Messtechnik und Automatisierung, Technische Hochschule, Prag Forschungsinstitut für Lebensmitteltechnologie, Prag.
(Chemistry, Analytic—Quantitative) (Chromatography)
(Electrophoresis) (Densitometers)

MASTNER, Jiri, inz.

A graphic method of plotting a phase response from a given amplitude response. Slaboproudý obzor 21 no.8:473-479 Ag '60. (EEAI 10:1)

1. Katedra merici techniky a automatizace, Ceske vysoke uceni tehcnicke,
Praha
(Electric circuits)

MALEK, Zdenek, CSc.; MASTNER, Jiri, CSc.

Basic properties of the Tandel. Sdel tech 12 no. 3:82-85
Mr '64.

MASTNER, J.; HRDLICKA, J.

A simple TANDEL electrometer circuit. Chekhosl Fiz zhurnal 14
no.9:722-725 '64.

1. Institute of Physics, Czechoslovak Academy of Sciences, Prague
8, Lumumlova 1.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001032810016-9

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001032810016-9"

PROSEK, Vaclav, Prof., dr.; za spoluprace asist: HORACKOVE, M., dr.;
HRUBCOVE, M.; MALKHO, Vl.; MASTNIKA, B.

Physical development of the youth as a picture of the vitality
level of the society. Cas. lek. cesk. 91 no.1:2-10 4 Jan 52.

1. Z ustavu socialniho lekarstvi univ. Karlovy v Praze.
(PHYSICAL EDUCATION AND TRAINING
in Czech., present status & role in society)

MASTNY, ETL.

Uvod do analytickej geometrie linearnich utvaru a kuzelesov.
(Vyd. 1.) Praha, Nakl. slovenska akademie ved. Studie a prameny. Sekce
matematicko-fyzikalni, sv. 4) (Introduction to analytic geometry of linear forms
and conic sections. 1st ed. bibl., diagrs., index)

SOURCE: East European Accessions List (EEAL), IC, Vol. 5, No. 3. March 1956

MASTNY, J.

"Ten years of the development and production of automobiles." p. 296.

SVET MOTOKU. (Svaz pro spolupraci s armadou). Praha, Czechoslovakia,
Vol. 9, No. 10, May 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6,
August 1959.
Uncla.

MASTNY, V.

Pulse rate in cerebral injuries. Lek. listy, Brno 6 no.20:637-640
15 Oct 51. (CJML 21:4)

1. Of the Traumatic Hospital (Director--Prof. Vlad. Novak, M.D.), Brno.

MASTNY, Vaclav MUDr

Function tests of the hand. Roshl.chir. 34 no.7:428-430 Aug 55.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr. Nevak
(HAND, surgery
postop. funct. test)
(OCCUPATIONAL THERAPY, in various diseases
hand inj., postop.funct. test)

EXCERPTA MEDICA Sec.8 Vol.10/10 Neurology, e tc. Oct57

MASTNÝ, V.

4533. MASTNÝ V. Výzkumného Úst. Traumatol., Brno, Ponávka 6. *Časná návratná péče po poranění mozku. Early rehabilitatory care after brain injury ROZHL. CHIR. 1956, 35/11 (673-678)

During the initial period of treatment with bed rest, exercises are carried out directed toward fundamental vital functions, i.e. respiration and circulation. In the second period, when the patients are allowed to sit up, and in the third, when they are allowed out of bed, the author subjects the patients to carefully graduated exercises of progressively increasing complexity until convalescence. Particular attention is devoted to personal care and simple working tasks. Basic functional tests, each representing a standard stress to nervous activity, are used.

Roth - Prague

EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6336. NEUROLOGY IN SHOCK - Neurologie šoku - Masný V. Výzkumný Úst. Traumatol.,
Brno - ROZHL. CHIR. 1958, 37/1 (15-17)

The psychiatric and neurologic aspects of both the eretic and torpid phase of shock were systematically followed. Muscle tone was examined by means of a special apparatus which made it possible to follow the changes of tissue tension along the whole limb circumference. The pH of sweat was determined by a universal indicator. The psychiatric and neurologic findings in shock differed from those in other neuropathologic states, similarities were seen to death from haemorrhage, asphyxia, exhaustion and some intoxications. The psychic and nerve responses were increased in the eretic phase, decreased or lost in deepening shock; direct dermatography showed a change from red to white. Disturbances of consciousness and pyramidal phenomena pointed to brain complications. Vegetative changes and lowering of tendon reflexes were an early sign of a bad prognostic implication; normalization of the psychiatric and neurologic findings followed within varying time after control of blood circulation disturbances. The possibility of a clinical shock evaluation with the help of neurologic and psychiatric examinations is pointed out. (VIII, 5)

MASTNY, Vaclav (Brno-Hrusovice, Bendlova 8.)

Occupational rehabilitation following fractures. Acta chir. orthop. traum. cech. 26 no.1:92-94 Feb 59.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr. Vladimir Novak
(FRACTURES,
occup. rehabil. (Cz))

KLEMENT, M.; HONSA, K.; MASTNY, V.

Further studies on traumatic shock. Rozhl. chir. 38 no.7:447-452
July 59.

1. Vyzkumny ustav traumatologicky, reditel prof. dr. Vl. Novak
(SHOCK)

MASTHY, Vaclav

Evaluation of sequelae after intracranial injuries. Cesk. neur.
23 no.1/2:96-98 Ja '60.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr.
Vladimir Novak.
(BRAIN wds & inj.)

MASTNY, Vaclav

Determination of the partial circumference of the extremity in rehabilitation care. Acta chir.orthop.traum.czech. 28 no.5:419-421 0 '61.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimir Novak, doktor lek. ved.

(EXTREMITIES)

MASTNY, V.; KROUPA, J.

On sequelae of vertebral body injuries. Acta chir.orthop.traum.czech.
28 no.5:438-443 0 '61.

1. Vyzkumny ustav traumatologiccky v Brne, reditel prof. MUDr. Vladimir
Novak, doktor lekarskych ved.

(SPINE fract & disloc)

MASTNY, V.

CZECHOSLOVAKIA

NOVACEK, L., MD; MASTNY, V., MD.

1. Institute of Health Means MUNZ (Zav. zdrav. stred. MUNZ),
Brno; 2. Research Institute of Traumatology
(Vyzkumny ustav traumatologicky), Brno (for all)

Prague, Prakticky lekar, No 7, 1963, pp 255-256

"Degenerative Changes in the Systems of Professional
Dancers."

MASINY, T.

Assessment of the risk of a nuclear war between the
A ta ché

1. Wyższe
Dnia

MAS'NY, V.

Correction of posttraumatic sequelae in the (journal) "Prilozhenie" no. 42 no. 113756-758 N 164.

1. Vyzkumny ustav traumatologicky v Brne (credit) no. 1, 1971.
DrS...

KLEMENT, M.; BONDJA, E.; MARTNY, V.

Estimation of disorders of mobility of the large joints. Czech.
chir. 43 no.11:759-763 N '64.

1. Vyzkumny ustav traumatologicky v Brne (reditel prof. Dr.
J. Novak, Brno.).

MASTNY, V.; STAUD, J.; JANIK, B.

Advances in rehabilitation in injuries of the area of the
hip joint. Rozhl. chir. 42 no.7:484-487 J1 '63.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr.
Vl. Novak, DrSc.

(HIP) (FEMORAL FRACTURES) (PSYCHOTHERAPY)
(PHYSICAL THERAPY) (REHABILITATION)
(FRACTURE FIXATION) (AGED)

IVANOV, V.A., inzh.; MASTOV, A.N.; KONEVA, Ya.A.

Lowering of oil content in oilcake by short-duration washing
with a pure solvent. Masl.-zhir.prom. 24 no.5:30-31 '58.
(MIRA 12:1)

1. Ferganskiy sovmarkhoz (for Ivanov). 2. Sredneaziatskiy filial
Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for
Mastov, Koneva).
(Cottonseed) (Oil cake)

MARKMAN, A.I., doktor khim.nauk; KUCHKAREV, A.B., doktor khim.nauk;
SALIMOVA, Kh., kand.tekhn.nauk; BEGIL'MAN, B.L., inzh.; KONEVA,
Ya.A., inzh.; CHEBOTAREVA, A.P., inzh.; MASTOV, A.N., inzh.

More about technical specifications for cottonseeds. Masl.-zhir.
prom. 26 no.12:5-9 D '60. (MIRA 13:12)

1. Sredneaziatskiy politekhnicheskiy institut (for Markman, Kuchkarev, Salimova).
2. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Begil'man, Koneva, Chebotareva).
3. Uzgiropishcheprom (for Mastov).
(Cottonseed)

MASTYNSKA, Maria; PEZACKI, Zdzislaw; TYSPER, Zofia

Potassium and sodium level in skeletal muscles and blood during the course of interventions on the biliary tract in parenchymal lesions of the liver. Pol. przegl. chir. 35 no.5: 497-501 '63.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr R. Drews.

(LIVER DISEASES) (BILIARY TRACT)
(SURGERY, OPERATIVE) (POTASSIUM)
(SODIUM) (TISSUE METABOLISM)
(MUSCLES) (BLOOD CHEMICAL ANALYSIS)

KMONICEK, V., inz. dr.; MASTOVSKY, J., inz.

Contribution to the design of membrane shock tubes.
Strojirenství 14 no.1:13-19 Ja'64.

1. Ústav pro výzkum strojů, Československá akademie věd.

KMONICEK, Vladimir, inz. dr. DrSc.; MASTOVSKY, Jiri, inz.

Methods of calculating thermodynamic properties of gases at high temperatures. Stroj cas 16 no.2:121-128 '65.

1. Institute of Thermomechanics of the Czechoslovak Academy of Sciences, Prague. Submitted October 5, 1964.

MASTOVSKY, Jiri, inz.

The shock tube of the Institute of Thermomechanics of the Czechoslovak Academy of Sciences for investigation of thermophysical properties of gases. Stroj cas 16 no.2:148-157 '65.

1. Institute of Thermomechanics of the Czechoslovak Academy of Sciences, Prague. Submitted October 5, 1964.

MASTOVSKY, J.

The brewing and malt industries in the struggle for higher efficiency . p. 97.

(Kvasny Prumysl. Vol. 3, no. 5, May 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

Author : Kozlovskaya, A. B. 11-17
 Title :
 No. 100. 10-10
 Author : Maslovsky, A., Karel, V., and others.
 Institut. : Not given
 Title : Filtration Procedures Used in the Paper-Making Industry
 Orig. Doc. : Kvanty Izvuzh, 7, No 6, 124-127 (1960)
 Abstract : The authors report on an investigation of the possibilities of the utilization of various filtration (F) and mechanical filters (MF) using paper, glass, and others. These bacterial tests (BT) consist of an asbestos-cellulose filter (BT) of very finely divided asbestos mixed with cellulose. The use of F requires preliminary clarification of the beer and is therefore used only in the final stage of the process. The experiments were carried out at two plants in which a wide-scale application of filtration (BT) (diatomaceous earth) is practiced. The quality of the beer filtered

Country : Czechoslovakia
Category :

B-27

Abs. Jour. :

40367

Author :
Institut. :
Title :

Orig Pub. :

Abstract : through BF (C-5 and C-7) was compared with the quality of the beer filtered through foreign-made EK-filter discs (K-5 and K-7) and with the quality of pasteurized beer. It has been found that when two-stage F is used either with BF or without, the content of colloidal bitter principles in the beer is decreased; the content of molecular [sic] bitter principles remained unchanged as confirmed by organoleptic tests. The maltose and dextrin content remained unchanged in all cases. The total content of nitrogenous substances showed an insignificant variation, principally at the expense of high-molecular weight proteins. The removal of acid

Card: 2/5

Country : Czechoslovakia
Category :

H-27

40357

Abstr. Jour. :

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : Increases the latter. SE through C-5 inhibited the formation of sludge for 7 days, whereas the use of K-5 resulted in a similar inhibition of only 6 days. The resistance to the development of turbidity was increased by 7 days in both cases. The increase in the resistance to settling was 5 days for C-5 discs and 7 days for K-5 discs. The maximum resistance to settling of beer filled into sterile bottles was found to be 15 days when C-5 and K-5 are used. It was found that the SE must be located downstream from the 'forfas' (?) in order to eliminate the danger of secondary contamination at the same time.

Card: 4/5

Country : Czechoslovakia
 Catog. :

8-10

Ass. :

40/77

Author :
 Institut. :
 Title :

Orig. :

Abstract : The BF must be located at a considerable distance (30-40 m) from the filling equipment in order to equalize the pressure between the filter and the feeding drum. Czech-made 1-2 and 1-7 discs are recommended for application in BF; the filters should be designed for a capacity 20-30% above that of equivalent standard filters in order to allow for the addition of a greater amount of absorbent to the BF. The sterilization of the BF is carried out with hot water; live steam will damage the discs. Silicone compounds are recommended for the lubrication of all valves.

Class: 1/5

P. Zalmanson

H-13